



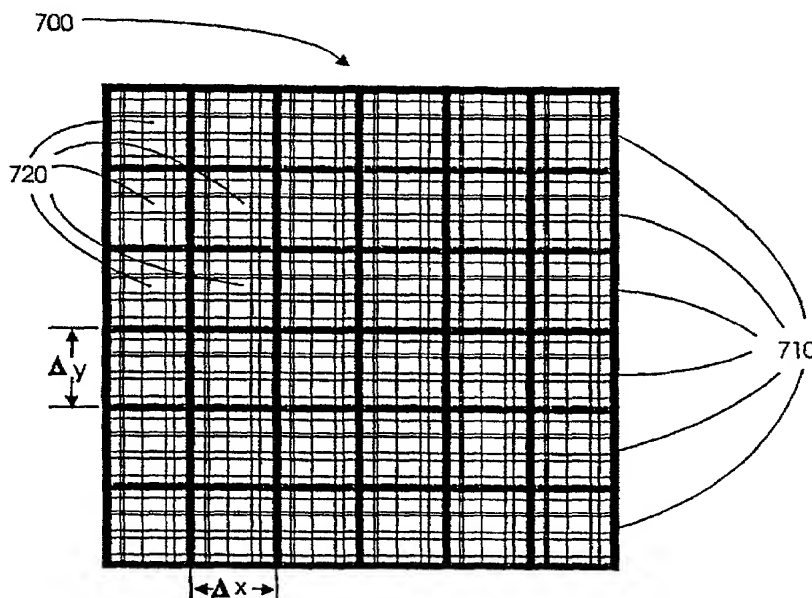
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(54) Title: A METHOD AND SYSTEM FOR SUPER RESOLUTION



(57) Abstract

A method for enhancing the resolution of an image sensing device, including the steps of attaching a mask to a panel of detectors in an image sensing device, generating multiple fields of view, the multiple fields of view being related to one another by sub-pixel shifts, acquiring multiple images with the image sensing device from the multiple fields of view; and combining the multiple images into an enhanced image of higher pixel resolution than the pixel resolutions of the multiple images. A system is also described and claimed.

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